

Woodfield Road Extended -- No. 500151

Category **Transportation**
 Agency **Public Works & Transportation**
 Planning Area **Damascus**
 Relocation Impact **None.**

Date Last Modified
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 Required Adequate Public Facility

May 17, 2000
 NONE
 NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY99	Estimate FY00	Total 6 Years	FY01	FY02	FY03	FY04	FY05	FY06	Beyond 6 Years
Planning, Design and Supervision	1,409	0	0	1,409	278	168	0	400	563	0	0
Land	945	0	0	945	0	0	645	300	0	0	0
Site Improvements and Utilities	1,205	0	0	1,205	0	0	0	0	1,205	0	0
Construction	4,641	0	0	4,641	0	0	0	2,000	2,641	0	0
Other											
Total	8,200	0	0	8,200	278	168	645	2,700	4,409	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	8,200	0	0	8,200	278	168	645	2,700	4,409	0	0
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ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides funds for the design, land acquisition, and construction of the 3,000-foot extension of Woodfield Road from its current terminus at a point 1,200 feet north of Main Street (MD 108) to Ridge Road (MD 27). In addition, the scope of work includes the design, land acquisition, and construction of improvements to a 2,450 foot segment of MD 27 from a point 450 feet south of the existing MD 27/Faith Lane intersection to a point 1,100 feet north of the MD 27/Gue Road intersection. The proposed roadway improvements include: 1) The extension of Woodfield Road as a 28-foot wide closed-section roadway with two 14-foot wide shared lanes for motor vehicles and bicycles. 2) The provision of auxiliary left-turn lanes on Woodfield Road Extended at Faith Lane and MD 27. 3) The realignment of Faith Lane to intersect Woodfield Road at a point 350 feet south of MD 27. 4) The construction of an 8-foot wide class I bike path along the eastern side of Woodfield Road Extended from the current terminus of the roadway to MD 27. 5) An 800-foot extension of the existing sidewalk along the eastern side of Woodfield Road from the Damascus Library to the proposed 8 foot wide class I bike path. 6) Widening MD 27 to provide two 12-foot wide travel lanes, two four-foot wide paved shoulders, and an auxiliary left-turn lane at the intersection with Woodfield Road. 7) Revisions to the MD 27 vertical alignment to improve the sight distance along a 2,100-foot segment of the roadway between Faith Lane and a point 1,200 feet north of Gue Road. 8) Streetlighting. 9) Landscaping. Woodfield Road Extended and the MD 27 improvements will be constructed within an 80-foot wide right-of-way.

Service Area

Damascus and vicinity.

Capacity

The design year 2020 projected average daily traffic (ADT) volume is 20,000 vehicles.

JUSTIFICATION

This project is needed to alleviate traffic congestion in the Damascus business district. MD 27 and MD 124 connect northern Montgomery County with the major employment centers along the I-270 corridor. Roadway portions along MD 27 and MD 108 within the town of Damascus are congested, unsafe, and have poor sight distance. Traffic forecasts and analyses show that five intersections in the town will begin to fail shortly after the year 2010 without the construction of Woodfield Road Extended.

Plans and Studies

A project prospectus was completed and funded under the Facility Planning: Transportation project. Woodfield Road Extended is designated as an arterial road in the Damascus Master Plan.

Specific Data

The construction of Woodfield Road will reduce the projected volume of traffic in year 2020 along the segment of MD 27 between Woodfield Road and High Corner Street from 28,000 to 17,500 vehicles per day. In addition, the projected traffic volume in the year 2020 on MD 27 between High Corner Street and MD 108 will be lowered from 19,100 to 5,400 vehicles per day.

Cost Change

Not applicable

STATUS

Preliminary Design Stage.

OTHER

The scope and schedule for this project are new in FY01. Preliminary design costs were funded from the Facility Planning: Transportation project.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY01	(\$000)
Initial Cost Estimate		415
First Cost Estimate		
Current Scope	FY01	415
Last FY's Cost Estimate		0
Present Cost Estimate		8,200

Appropriation Request	FY01	446
Appropriation Request Est.	FY02	0
Supplemental		
Appropriation Request	FY00	0
Transfer		0

Cumulative Appropriation		0
Expenditures/		
Encumbrances		0
Unencumbered Balance		0

Partial Closeout Thru	FY98	0
New Partial Closeout	FY99	0
Total Partial Closeout		0

COORDINATION

Damascus Park and Ride Lot
 Facility Planning: Transportation
 Allegheny Power
 Bell Atlantic
 Cable TV Montgomery
 Washington Gas and Light
 Maryland Department of the Environment
 MSHA
 M-NCPPC
 Maryland Historical Trust

MAP

See Map on Next Page



WOODFIELD ROAD EXTENDED